

PATENT 12-1401
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Mary Jane DiPalma

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: R. John Collier et al.

Art Unit: 1646

Serial No.: 09/848,909

Examiner:

Filed: May 4, 2001

Customer No.: 21559

Title: COMPOUNDS AND METHODS FOR THE TREATMENT AND PREVENTION OF BACTERIAL INFECTION

Assistant Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Prior to examination, kindly amend the above-referenced application as follows.

In the Specification:

Please replace the paragraph on page 17, lines 8-15, of the specification with the following paragraph that has been re-written in clean form.

Fig. 15 is an alignment of the amino acid sequence of PA (SEQ ID No.: 24) with other binary A-B toxins that have ADP ribosyltransferase activity. The amino acid sequences of toxins from *Clostridium difficile* ("cdADPRT"; SEQ ID No.: 25), *C. perfringens* ("cpiota"; SEQ ID No.: 26), *C. spiroforme* ("csiota"; SEQ ID No.: 27), and *C. botulinum* ("cbc2"; SEQ ID No.: 28) are listed. The *C. perfringens* and *C. spiroforme* toxins are frequently referred to as iota toxins while the botulinum toxin is referred to as C2. Additionally, the alignment includes the sequence of the toxin produced by *Bacillus cereus* ("VIP1"; SEQ ID No.: 29), which is frequently referred to as VIP for vegetative insecticidal protein.

Please replace the paragraph on page 17, lines 16-19, of the specification with the following paragraph that has been re-written in clean form.